

20020623.qrp v02_n595.qrl.20020623

Date: Sun, 23 Jun 2002 19:03:08 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2595

QRP-L Digest 2595

Topics covered in this issue include:

- 1) [128438] Re: Surplus Junkbox Parts
by "R. Soetedjo" <robi@u.washington.edu>
- 2) [128439] Tiny-Tornado Kit Update
by "Brice D. Hornback" <bdh@cyberbound.net>
- 3) [128440] Re: Tiny-Tornado Kit Update
by Dave Sjolin <sjolin@swbell.net>
- 4) [128441] QRP Field Day 2002-Musings (long)
by "TC Dufresne" <tdufresne@neb.rr.com>
- 5) [128442] Moxon rectangle generator
by Dan Maguire <bethdan@pacbell.net>
- 6) [128443] When your days are nights, and you don't sleep at night...
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 7) [128444] Ten Tec 405 Amp Sold
by K9nk@aol.com
- 8) [128445] Down and out??
by <jfox6@houston.rr.com>
- 9) [128446] Re: Down and out??
by Phil Wheeler <w7ox@earthlink.net>
- 10) [128447] FS: Kester RA 44 Solder
by Ron S Stone <rsstone@juno.com>
- 11) [128448] power supply regulator
by Dave Pomeroy <dave@dpomeroy.com>
- 12) [128449] Re: power supply regulator
by Phil Wheeler <w7ox@earthlink.net>
- 13) [128450] Weller Portasol
by "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>
- 14) [128451] Re: power supply regulator
by "Dave Fifield" <dave@redhotradio.com>
- 15) [128452] QRP Sponge Bob Square Pants Field Day
by "k8cv" <k8cv@netzero.net>
- 16) [128453] Re: Weller Portasol
by "Rod N0RC" <rod@n0rc.us>
- 17) [128454] Power Transformer Question
by Claude <mck20@yahoo.com>
- 18) [128455] Re: Weller Portasol
by "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>
- 19) [128456] Field Day 2002...nice condx

by "Bill, N4QA" <n4qa@hotmail.com>

Date: Sat, 22 Jun 2002 16:13:53 -0700 (PDT)
From: "R. Soetedjo" <robi@u.washington.edu>
To: Brian Murrey <brian@iquest.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [128438] Re: Surplus Junkbox Parts
Message-ID: <Pine.A41.4.44.0206221612210.68334-100000@dante40.u.washington.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Brian,

I'm interested to get 100 2N3904s and 100 2N3906s, are they still available? What brand are they?

rob

On Mon, 3 Jun 2002, Brian Murrey wrote:

> Junkbox Surplus Parts for Sale as of 06/01/2002
>
> Latest Items
> =====
> LM78L62ACZ Volt regulators, T092 format 5/\$3.00 10/\$5.00
> SMT4403's - Surf Mount 2N4403 PNP's - 200/\$5
> 9.8304 Mhz Crystals, 1/4 in tall - 25 for \$7.00
> 27mH inductors with radial leads - 50 for \$7.00
>
> Caps - All new, old stock. No pulls.
> =====
> All caps now 50/\$3 or 100/\$5
> =====
> 8pf NPO Ceramic - Loose
> 11pf NPO Ceramic - Loose
> 12pf NPO ceramics on tape
> 22pf Kemet Ceramic Caps, 200v, 10%
> 100pf Axial Mono Caps, 100v, 10%
> 150pf ceramics, 100v, 10%
> 470pf Ceramics on paper tape, rated 5% (NPO)
> 560pf Kemet Ceramic Caps, 200v, 10%
> 1000pf blue mono caps, 10% 100v
> 3300pf Kemet Ceramic Caps, 100v, 10%
> .01 uF ceramic caps, 10% 100v brand new by Kyocera
> and
> .01 uF ceramic caps, 20% 50v, new old stock, not used

> 50/2.50 100/\$4
>
> Voltage Regulators
> =====
> L7805ACV voltage regulators T0220 case. 7/\$4 or 15/\$7
> LM7812 voltage regulators. T0220 case. 5/\$4
> LM317T Adjust. Positive Voltage Regulator T0220. 6/\$5.00 or 12/\$8.50
>
> Transistors - New Parts - No Pulls
> =====
> TP2222 plastic T092 NPN (House brand 2N2222) 50/\$4 100/\$7
> 2N3906's plastic T092. PNP - 50/\$4 100/\$7
> 2N3904's plastic T092. NPN - 50/\$4 100/\$7
> 2N3704's plastic T092, NPN - 50/\$4 100/\$7
>
> Op AMPS, Comparators
> =====
> LM741CN - Single Op Amp, 8 Pin Dip, 6 for \$2.00
> <http://www.hep.ph.ic.ac.uk/~hallg/Instrumentation/Data/LM741.pdf>
>
> BA10324 - LM324 equiv Quad Ground Sense Op Amp 14 pin, 4 for \$2.00
> <http://www.flint.co.uk/product/pdfs/FR3LIN.PDF>
>
> BA10358 - Dual Ground Sense Op Amp, 8 pin, 5 for \$4.00
> <http://www.flint.co.uk/product/pdfs/FR3LIN.PDF>
>
> BA10393 - Dual Comparator 8 pin dip, 4 for \$2.00
> <http://www.flint.co.uk/product/pdfs/FR3LIN.PDF>
>
> BA10339 - Quad Comparator 14 pin, 4 for \$2.00
> <http://www.flint.co.uk/product/pdfs/FR3LIN.PDF>
>
> BA4560 - Dual High Slew Op Amp, 4 for \$2.00
> <http://www.rohm.com/products/databook/standard/pdf/ba4560.pdf>
>
> Diodes
> =====
> 1N4148 - You always need these. 100 for \$2.50 These are NEW.
>
> Let me know if you're interested. All prices are post paid to the
> USA, unless otherwise noted. I will ship to non USA addresses but we
> need to discuss the shipping charges first.
>
>
> =====
> KB9BVN/QRP - New Whiteland IN - EM69WN
> QRP-ARCI #10223 QRP-L #1540 FIST #5695
> FISTS CC #764 - Proud Member ARRL

> HEATH HW-9 @ 2W or NORCAL 40A @ 1.3W
> INTO INFAMOUS AF4PS ATTIC DIPOLE
> SOC #400 AND FLYING PIGS QRP #-57
> =====
>
>
>
>
>

Date: Sat, 22 Jun 2002 22:28:12 -0500
From: "Brice D. Hornback" <bdh@cyberbound.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [128439] Tiny-Tornado Kit Update
Message-ID: <017701c21a66\$016cf760\$6501a8c0@lwrnce01.in.comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Hello everyone. As of Friday morning... all pending kit orders have shipped. I want to thank everyone for their patience. Also, it seems I made a mistake. Besides running out of a few of the parts and having to order more... I also thought I was going to be short on boards so I ordered another small batch of them. As it turns out... I wasn't short so once the boards arrive either on Monday or Tuesday, I'll have a six (6) complete Tiny-Tornado kits ready to ship immediately. I originally thought about saving them for the Indy Hamfest but I'd rather offer them here first.

Like I said, I'm waiting on the boards to arrive on Monday or Tuesday but these six kits are READY TO GO. No waiting. I'll ship these six kits on Wednesday. I also have a few more of the Broadcast Band high-pass filter kits available. If you've ever had a problem with broadcast interference from local stations... this is a MUST HAVE accessory for your shack. You can use it with any QRP rig and it works GREAT with the Tiny-Tornado, "71", Pixie 2, FOXX-3, etc. I also had a *couple* double-sided plated-through hole boards printed for them and the complete kit including a PCB is also available now on the Web site. Only a couple TTx-1 kits left. I do have a decent supply of the RF Probe Kits and "extra" low pass filter kits available as well.

Check out the "Kits and Parts" page for ordering information and details.
<http://www.QRPp-I.com>

73/72/71! de Brice KA8MAV
QRPP International Radio Club
<http://www.QRPp-I.com>

Date: Sat, 22 Jun 2002 23:16:44 -0500
From: Dave Sjolín <sjolin@swbell.net>
To: bdh@cyberbound.net,
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [128440] Re: Tiny-Tornado Kit Update
Message-ID: <018c01c21a6c\$c965b030\$5bdad840@DaveSjolin>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Hi Brice, got my Tiny-Tornado kit yesterday. Boy was I impressed. Great job!
Cant wait to make some time to melt solder.

73 de Dave, N0IT

----- Original Message -----

From: "Brice D. Hornback" <bdh@cyberbound.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, June 22, 2002 10:28 PM
Subject: Tiny-Tornado Kit Update

> Hello everyone. As of Friday morning... all pending kit orders have
> shipped. I want to thank everyone for their patience. Also, it seems I
> made a mistake. Besides running out of a few of the parts and having to
> order more... I also thought I was going to be short on boards so I
ordered
> another small batch of them. As it turns out... I wasn't short so once
the
> boards arrive either on Monday or Tuesday, I'll have a six (6) complete
> Tiny-Tornado kits ready to ship immediately. I originally thought about
> saving them for the Indy Hamfest but I'd rather offer them here first.
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> Like I said, I'm waiting on the boards to arrive on Monday or Tuesday but
> these six kits are READY TO GO. No waiting. I'll ship these six kits on
> Wednesday. I also have a few more of the Broadcast Band high-pass filter
> kits available. If you've ever had a problem with broadcast interference
> from local stations... this is a MUST HAVE accessory for your shack. You
> can use it with any QRP rig and it works GREAT with the Tiny-Tornado,
"71",
> Pixie 2, FOXX-3, etc. I also had a *couple* double-sided plated-through
> hole boards printed for them and the complete kit including a PCB is also
> available now on the Web site. Only a couple TTx-1 kits left. I do have
a

> decent supply of the RF Probe Kits and "extra" low pass filter kits
> available as well.
>
> Check out the "Kits and Parts" page for ordering information and details.
> <http://www.QRPp-I.com>
>
> 73/72/71! de Brice KA8MAV
> QRPp International Radio Club
> <http://www.QRPp-I.com>
>
>

Date: Sun, 23 Jun 2002 04:24:56 +0100
From: "TC Dufresne" <tdufresne@neb.rr.com>
To: <qrp-1@lehigh.edu>
Subject: [128441] QRP Field Day 2002-Musings (long)
Message-ID: <003601c21a65\$8cc78420\$d3b61c41@neb.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

My Thoughts on QRP FD 2002

I did participate this year, it was a lot of fun! This was the first time I actually used my solar panel for power. I made a setup that would allow me to use the panel for direct power, and also a 12V, 7A/H battery for storage power. I designed and built a small "battery box" box using my old Star Trek lunch box. It was fun building. Here are some things I learned today:

- 1) Its not a good idea to build and test your equipment the Friday night before Field Day.
- 2) Epoxy is NOT the strongest bond in the world. My "St Louis Vertical" failed (broke) at the bond between my "Black Widow"-based antenna and the PVC holder. It was windy all day. Fortunately my time in the field was almost over. Now how do I fix this?
- 3) 12 V Cooling fans on top of my "lunch box power supply" look real cool, but they are NOISY!! I could NOT operate until I shut the fan OFF!! Can I remedy this?
- 4) When you go into the field, take more tools then you think you will need. The thing you thought you didn't need, you will need it when you get into the field. Murphy's Law is very apt during Field Day, trust me.
- 5) Solar controllers are also noisy, especially at lower frequencies. (40 meter band) I had to cycle the PV array off and on to charge my power pack

battery if I was using the battery for power as well as the PV.

6) Do NOT, under ANY circumstances, attempt 40 meter QRP ops 200 meters from your city's club station. They will BLOW YOU AWAY when they key, either their mics or their keyers. (wow! Thats loud..)

7) Bring LOTS of water.. It will be warm....(I did)

8) Old IBM computers for logging are NOISY and will NOT be helpful, even if they do run from your portable power station. Maybe next time I will have a separate power station for my peripherals? (See I am learning already)

9) Cheap DC-to-AC converters are NOISY. See above.

10) You really can make contacts from the field, QRP, and running on nothing but batteries. I was operating with a HW-8, and also my trusty 2N-40 homebrew rig, both about 2 watts max. Guess which netted more QSO's? Yup, the HOMBRU rig, by about 7:1. Much better signal rejection, I think, I could really pick out the other hams better, too.

I couldn't help but smirk a little bit at the City club's "big boys" in their air-conditioned, comfy-as-home trailers and chairs, kicking back operating their Kenwood 440AT rigs, and calling it "field day", because they weren't at home.

I tried not to appear like I was having too much fun as I soldered a broken connector with my soldering gun that I remembered to bring, and plugged it in to my own little power station, not some stinky, loud, 2.5K watt generator..

All and all a good time.

Mister, THAT's Field Day 2002!

Dit dit,
KC0GXX

Date: Sun, 23 Jun 2002 00:41:44 -0700
From: Dan Maguire <bethdan@pacbell.net>
To: qrp-l@lehigh.edu
Subject: [128442] Moxon rectangle generator
Message-ID: <001301c21a89\$6cdf2400\$ce9daa40@bethdan>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

The freeware Moxon rectangle generator program, mentioned on this list several days ago, has been updated as follows: Models may be created with either horizontal or vertical polarization. The main lobe may be aligned

along either the X or Y axis, allowing easier comparison of radiation patterns with existing models created using either convention. For those users whose regional standard for the decimal symbol is a comma, the NEC model file (if any) will be correctly formatted (using periods) without any special action being required.

Available at www.qsl.net/ac6la/

73,
Dan, AC6LA

Date: Sun, 23 Jun 2002 03:11:17 -0400 (EDT)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: qrp-1 <qrp-1@lehigh.edu>
Subject: [128443] When your days are nights, and you don't sleep at night...
Message-ID: <Pine.LNX.4.44.0206230300590.21964-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Babies will do that to you, apparently.

At some point B.H. (before Hannah) I probably thought to myself, "Field Day is coming up sometime, isn't it?"

Then, on May 21, everything changed.

Yesterday, one month A.H. (after Hannah) we're having dinner with the in-laws and dad-in-law says to me, "I saw something in the paper about ham radio this weekend - are you involved?"

Was it a simulated emergency drill? A hamfest? Hmmm...I drew a blank.

Then, suddenly, it hit me - FIELD DAY!

How could it have snuck up on me so quickly???

I threw together a station - my THP-750, Sierra, and a battery that I managed to charge for four hours - with a dipole and set up on my back porch. So far, in 4 hours of operation, I'm up to 70 QSOs and it's time for bed. Half of them were made with a 1-month old baby in my lap...and boy was my left arm tired (from holding said baby, Hannah).

Still, it was good to get her exposed to radio so early, I think.

Tomorrow, we have a wedding to attend (at 11 a.m.) and I think that sadly

my operation is over :(

Still, much fun.

--

Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Sun, 23 Jun 2002 09:47:53 -0400
From: K9nk@aol.com
To: qrp-1@lehigh.edu
Subject: [128444] Ten Tec 405 Amp Sold
Message-ID: <60495818.47BDEF59.00002CC1@aol.com>
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

The Ten Tec 405 Amp has been sold. Thanks for everyone's help!!

I may have to sell more equipment if the medical bill is not paid off this month!

72's --- Norm --K9NK

Date: Sun, 23 Jun 2002 10:02:05 -0500
From: <jfox6@houston.rr.com>
To: "QRP" <qrp-1@lehigh.edu>
Subject: [128445] Down and out??
Message-ID: <000d01c21ac6\$f072d720\$6125ae18@houston.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This reflector has been as quiet as a grave.. Where has everyone gone?

Foxy
jfox6@houston.rr.com
<http://www.qsl.net/w5hir>

Date: Sun, 23 Jun 2002 08:25:48 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: jfox6@houston.rr.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [128446] Re: Down and out??
Message-ID: <3D15E87C.2030101@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=windows-1252; format=flowed
Content-Transfer-Encoding: 7bit

Field Day is still on .. perhaps that is where most are.

Phil

jfox6@houston.rr.com wrote:

>This reflector has been as quiet as a grave.. Where has everyone gone?
>
>Foxy
>jfox6@houston.rr.com
><http://www.qsl.net/w5hir>
>
>

Date: Sun, 23 Jun 2002 12:04:02 -0400
From: Ron S Stone <rsstone@juno.com>
To: qrp-1@lehigh.edu
Subject: [128447] FS: Kester RA 44 Solder
Message-ID: <20020623.120404.-381365.0.rsstone@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Oops! I accidently ordered a second roll in my last Digikey Order. It's a standard 1/2 pound roll of Kester RA flux 44 60/40 .031"(21 gauge) that Elecraft recommends for the K1, etc. Will ship to anyone in the US for \$10.00. Please contact me direct if interested. Thanks.

72,

Ron (KA3J)
Bethesda, MD

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<http://dl.www.juno.com/get/web/>.

Date: Sun, 23 Jun 2002 10:48:19 -0700

From: Dave Pomeroy <dave@dpomeroy.com>

To: QRP-L <qrp-l@lehigh.edu>

Subject: [128448] power supply regulator

Message-ID: <5.1.0.14.0.20020623104548.00a924d8@mail.dpomeroy.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

This is a little off topic for QRP but with the list traffic down and you folks having so much expertise I'd thought I'd ask.

I'm working on an amp for a K2. I need a 25 amp, 50 volt power supply. I can get most of the info I need out of the handbook but I'm not quit sure of the regulator. Can anyone point to a good source of info, A book or a web site? thanks in advance for all the help.

Dave Pomeroy K7DNP South Eastern Washington

Date: Sun, 23 Jun 2002 11:09:40 -0700

From: Phil Wheeler <w7ox@earthlink.net>

To: dave@dpomeroy.com

Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [128449] Re: power supply regulator

Message-ID: <3D160EE4.2050204@earthlink.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=windows-1252; format=flowed

Content-Transfer-Encoding: 7bit

Dave,

What on earth are you building, PA-wise? Most HF tranceivers live nicely with 20 A at 12.8 V (256 V-A). You are designing for 1250 V-A or roughly four times the power.

73, Phil

Dave Pomeroy wrote:

> This is a little off topic for QRP but with the list traffic down and
> you folks having so much expertise I'd thought I'd ask.
> I'm working on an amp for a K2. I need a 25 amp, 50 volt power
> supply. I can get most of the info I need out of the handbook but I'm
> not quit sure of the regulator. Can anyone point to a good source of
> info, A book or a web site? thanks in advance for all the help

Date: Sun, 23 Jun 2002 14:21:56 -0400
From: "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>
To: fpqrp-1@mpna.com, qrp-1@lehigh.edu
Subject: [128450] Weller Portasol
Message-ID: <3D15D984.22082.15629B@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Anyone know the difference between the P1C and the P2C? P1C is in the local
Loewe's. I can't find P2C anywhere. The only available info seems to be a
product
spec sheet on the cooper tolls web site. The two items look identical to me.
Anyone
know about this?

Date: Sun, 23 Jun 2002 11:58:43 -0700
From: "Dave Fifield" <dave@redhotradio.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [128451] Re: power supply regulator
Message-ID: <001501c21ae7\$ff1fb1f0\$0400a8c0@AD6A>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

The K2's spectral output isn't clean enough for one to
amplify it to more than about 100W IMO. The spurs
would exceed the FCC's limits.

72, Dave, AD6A

Date: Sun, 23 Jun 2002 19:05:20 +0100
From: "k8cv" <k8cv@netzero.net>
To: "Qrp-L Posts" <qrp-l@lehigh.edu>
Subject: [128452] QRP Sponge Bob Square Pants Field Day
Message-ID: <002901c21ae0\$8a6eaa20\$b78dd943@walmartos>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

1E at home in the City Club with AIR CONDITIONING ON !

Wowzers, not even one mosquito bite!

330 Q's

Didn't even dent the old car batteries voltage :-)

As Jim Cary would say " K-2 smokin "

Sponge Bob Square Pants

Date: Sun, 23 Jun 2002 13:52:56 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: <henryf@quartz.gly.fsu.edu>,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [128453] Re: Weller Portasol
Message-ID: <001501c21aef\$927767c0\$6501a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Henry,

I pulled the data sheets/brochures from www.coopertools.com; it looks like:

- 1) the P2C has a piezio starter while the p1c has a flint starter in the cap.
- 2) the P2C is more powerful 75W max. Both units reach 850 Deg F but the P2C will get there quicker.
- 3) P2C will operate up to one hour, P1C up to 90 min.

And, it is difficult to say for sure, but the P2C has more accessories. One a hot air tip so that the unit can be used to shrink heat-shrinkable tubing.

73, Rod N0RC

----- Original Message -----

From: "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, June 23, 2002 12:21 PM
Subject: Weller Portasol

> Anyone know the difference between the P1C and the P2C? P1C is in the local
> Loewe's. I can't find P2C anywhere. The only available info seems to be a product
> spec sheet on the cooper tolls web site. The two items look identical to me. Anyone
> know about this?
>

Date: Sun, 23 Jun 2002 13:26:01 -0700 (PDT)
From: Claude <mck20@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [128454] Power Transformer Question
Message-ID: <20020623202601.92114.qmail@web11604.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Tube Power Transformer Questions.....

I am trying to find a suitable transformer for a tube CW project, using a 6L6GT output tube..... I have a transformer that is rated at 115VAC input with a secondary of 6.3@1.2A....6.3@1.2A....5V@2A....and the

plate side being 800 VCT @30MA.....

Everything is good but the 800 volt center tap....

First question, If I used the Center Tap and one leg giving me 400 Volts, would the MA still remain a 30 MA source, or would using it this way give me 60 MA since I am only using one side of the 800 Volt source at 400 Volts?

Second question, if I used the 400 Volt side what value resistor would drop it down to say 325 Volts? Also if I went this way would the MA increase some more since I would be using even less voltage?

I really need a transformer with 325 V at 70 MA or something like that, but sad to say I don't have one like that and I am trying to use the transformer I have, if I can.....

I thank everyone ahead of time for your help....

Claude WB4WHH

Victoria, Va.

Do You Yahoo!?

Yahoo! - Official partner of 2002 FIFA World Cup

<http://fifaworldcup.yahoo.com>

Date: Sun, 23 Jun 2002 17:33:31 -0400

From: "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>

To: <henryf@quartz.gly.fsu.edu>,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>,

Subject: [128455] Re: Weller Portasol

Message-ID: <3D16066B.10094.C4D1D0@localhost>

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

Content-description: Mail message body

Tnx Rod

Good info.

You may have a point with the starter. The "more powerful" P2C might translate into higher fuel burn and decreased time of operation between fills. The P1C kit does come with a hot air blower tip and the accessories look similar to me.

I used a P1C at FD this weekend and I was very impressed....much better than the

"el cheapo" butane units I had been using.

The P1C kits are \$40 at Loewe's. Prices on the net range to nearly double that so I bet that Weller/Cooper is clearing them out.

Henry

On 23 Jun 2002 at 13:52, Rod N0RC wrote:

> Henry,
>
> I pulled the data sheets/brochures from www.coopertools.com; it looks
> like:
>
>
> 1) the P2C has a piezio starter while the p1c has a flint starter in
> the cap.
>
> 2) the P2C is more powerful 75W max. Both units reach 850 Deg F
> but the P2C will get there quicker.
>
> 3) P2C will operate up to one hour, P1C up to 90 min.
>
> And, it is difficult to say for sure, but the P2C has more
> accessories. One a hot air tip so that the unit can be used to shrink
> heat-shrinkable tubing.
>
> 73, Rod N0RC
>
> ----- Original Message -----
> From: "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Sunday, June 23, 2002 12:21 PM
> Subject: Weller Portasol
>
>
>
> > Anyone know the difference between the P1C and the P2C? P1C is in
> the local
> > Loewe's. I can't find P2C anywhere. The only available info seems
> to be a product
> > spec sheet on the cooper tolls web site. The two items look
> identical to me. Anyone
> > know about this?
> >
>
>

>

Date: Sun, 23 Jun 2002 18:25:56 -0400
From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [128456] Field Day 2002...nice condx
Message-ID: <F132pELi1UdHqn5u3TS0000d7bc@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Hi, gang.

Did my usual casual FD operating (1D, VA) on 20 CW...man, there were some monster sigs out there this weekend. Worked all over the country, plus Canada, with the DSW-20 at one watt out to the end-fed aluminum longwire. Did search & pounce all over the band using DSWTUN95 to quickly jump around at 0.2, 1.0, 5.0, 25.0 kHz steps. Band condx seemed pretty good, although there was some pretty deep QSB at times. Real happy to hear so many CW sigs all the way from 14000 to around 14075 kHz...chock full with our favorite music...

I understand that there were a few fone sigs up the band a ways, too :)

I'm sure that you guys had as much fun as I did.

73.
Bill, N4QA

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End of QRP-L Digest 2595

